Form 3160-3 (August 1999)

1a. Type of Work: X DRILL

b. Type of Well: Oil Well

2. Name of Operator

At proposed prod. Zone

Distance from proposed location to nearest

3A. Address

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0136

Expires November 30, 2000 5. Lease Serial No. UTU-468 BUREAU OF LAND MANAGEMENT 6. If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7. If Unit or CA Agreement, Name and No. REENTER NATURAL BUTTES UNIT 8. Lease Name and Well No. NBU 1022-14M Multiple Zone Single Zone Y Gas Well 9. API Well No. 43-047-365 WESTPORT OIL & GAS COMPANY L.P. 10. Field and Pool, or Exploratory 3b. Phone No. (include area code) NATURAL BUTTES (435) 781-7024 1368 SOUTH 1200 EAST VERNAL, UT 84078 11. Sec., T., R., M., or Blk, and Survey or Area 4. Location of Well (Report location clearly and in accordance with any State requirements.*)

39.943357 SWSW 624'FSL & 689'FWL 635553X 4422466 SECTION 14-T10S-R22E 12. County or Parish 13. State 14. Distance in miles and direction from nearest town or post office* UTAH UINTAH 43.35 MILES SOUTHEAST OF OURAY, UTAH 17. Spacing Unit dedicated to this well 16. No. of Acres in lease 624' property or lease line, ft. (Also to nearest drig, unit line, if any) 40.00 320.00 20. BLM/BIA Bond No. on file Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 19. Proposed Depth REFER TO CO-1203 8575' TOPO C 23. Estimated duration 22. Approximate date work will start* 21. Elevations (Show whether DF, KDB, RT, GL, etc.) Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form: 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). Operator certification. Such other site specific information and/or plans as may be required by the

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.

5265'GL

- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office.
- authorized office.

- 77 77 7	Name (Printed/Typed)	Date
25. Signature	SHEILA UPCHEGO	4/6/2005
Title		·
REGULATORY ANALYST	N (Dwinted/Typed)	Date
Approved by Rigniture	Name (Printed/Typed) BRADLEY G. HILL	04-18-05
Title	OF ENVIRONMENTAL SCIENTIST III	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

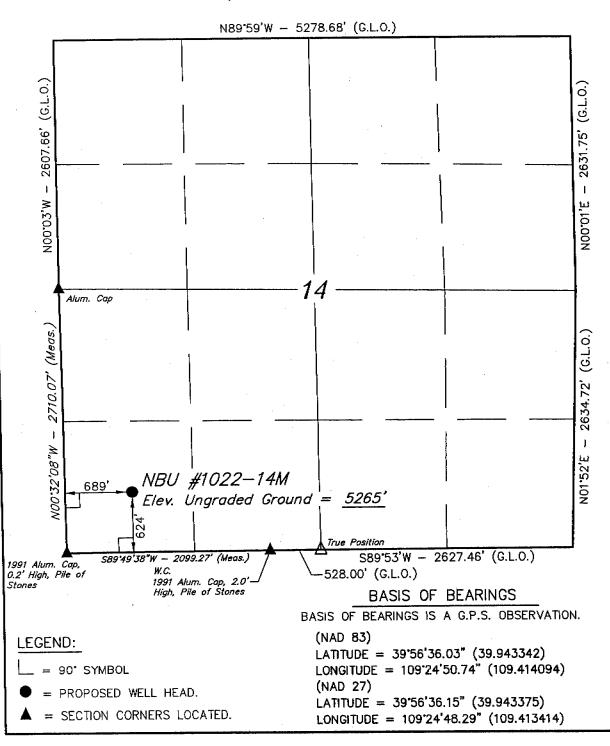
*(Instructions on reverse)

RECEIVED

Federal Approval of this Action is Necessary

APR 1 3 2005

T10S, R22E, S.L.B.&M.

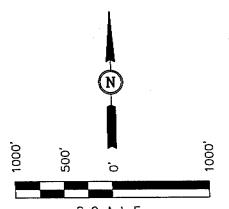


WESTPORT OIL AND GAS COMPANY, L.P.

Well location, NBU #1022-14M, located as shown in the SW 1/4 SW 1/4 of Section 14, T10S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



SCALE

CERTIFICATE THIS IS TO CERTIFY THAT THE ABOVE PLATE WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS WAS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

> REGISTERED LAND SURVEYOR EGISTRATION NO. 161319. STATE OF UTAH

Surveying UINTAH ENGINEERING & LAND 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE 1" = 1000'		DATE SURVEYED: 1-4-05	DATE DRAWN: 11005
PARTY		REFERENCES	
D.K. T.B.	K.G.	G.L.O. PLA	AT
WEATHER	FILE		

COLD

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-14M SW/SW Sec. 14,T10S,R22E UINTAH COUNTY, UTAH UTU-468

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	Deptn
Uinta	Surface
Green River	1050'
Wasatch	4060'
Mesaverde	6450'
TD	8575'
	the state of the s

2. <u>Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations</u>:

Substance	<u>Formation</u>	<u>Depth</u>
Gas Gas	Green River Wasatch Mesaverde	1050' 4060' 6450'
Water Other Minerals	N/A N/A	

3. Pressure Control Equipment (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. <u>Drilling Fluids Program</u>:

Please see the Natural Buttes Unit SOP.

6. Evaluation Program:

Please see the Natural Buttes Unit SOP.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 8,575' TD, approximately equals 3430 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1543 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. Variances:

Please see Natural Buttes Unit SOP.

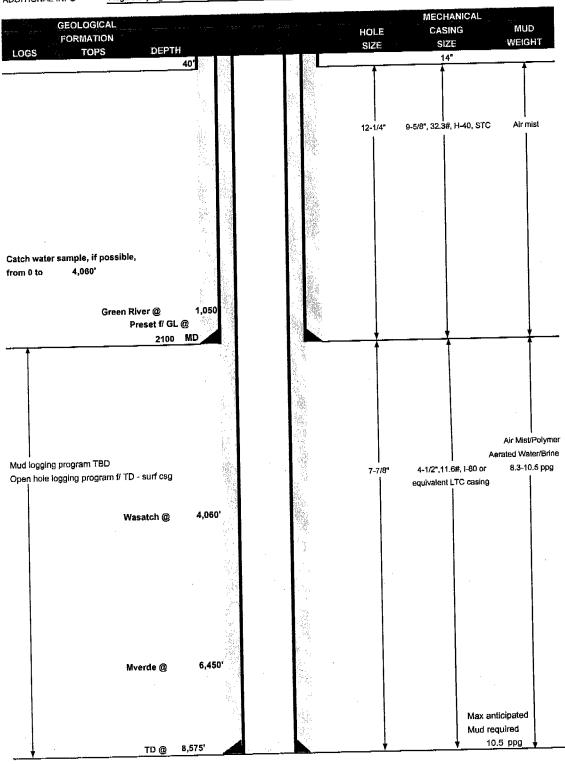
10. Other Information:

Please see Natural Buttes Unit SOP.



Westport Oil and Gas Company, L.P. <u>DRILLING PROGRAM</u>

	/estport Oil and Gas Co., L.P.	—— DATE	April 1, 20 8,575'	MD/TVD		-
	IBU 1022-14M COUNTY Uintah STATE		ELEVATION	5,265' GL	KB 5,280'	_
FIELD Natural Buttes SURFACE LOCATION	SWSW SECTION 14-T10S-R22E 624'FSL &				BHL Straight Hole	-
	Latitude: 39.943342 Longitude: 109	9.414094	<u></u>			-
OBJECTIVE ZONE(S)	Wasatch/Mesaverde	ALEX LIDOG	M Tri-County h	lealth Dept.		_
ADDITIONAL INFO	Regulatory Agencies: BLM (SURF & MINER	ALS), UDUC	ivi, Theodurity .	TODAY FT		





Westport Oil and Gas Company, L.P. DRILLING PROGRAM

CASING PROGRAM

							DESIGN FACT	UNS
	SIZE	INTERVAL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR (C)	14" 9-5/8"	0-40' 0 to 2100	32.30	H-40	STC	2270 0.81******* 7780	1370 1.39 6350	254000 4.28 201000
PRODUCTION	4-1/2"	0 to 8575	11.60	1-80	LTC	2.78	1.36	2.32

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD =

10.5 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP

2795 psi

Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 pst/ft

CEMENT PROGRAM

	ı	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1	i		+ .25 pps flocele	Magazini Constitution Magazini		15.60	1.18
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50	894 - P.Z.886	00,01	1.10
	,		+ 2% CaCl + 25 pps flocele Premium cmt + 2% CaCl	as req.		15.60	1.18
	TOP OUT CMT (2)	as required	NOTE: If well will circulate water to su		tion 2 will b		
SURFACE	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
Option 2	LLAD	1000	+.25 pps Flocele + 3% salt BWOC	- 355a.			332
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
			+ 25 pps flocele		ka Tark	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		10.00	
		0.555	Premium Lite II + 3% KCI + 0.25 pps	390	60%	11.00	3.38
PRODUCTION	ON LEAD	3,555'	celioflake + 5 pps gilsonite + 10% gel	998	12. okt		
		ow, was	+ 0.5% extender			2 2 4 10 TO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1000 AT 1000
	TAIL	5,020'	50/50 Poz/G + 10% sait + 2% gel	1400	60%	14.30	1.31
			+ 1% R-3		lines in obtai	2 284	3884

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE

Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring

centralizers. Thread lock guide shoe.

PRODUCTION

Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

		. Test surface casing to 1,500	asi prior to drilling ou	it.	
Test casing n	ad to 750 psi anter mistaning	ms. Test to 3,000 psi (annular	to 1.500 psi) prior to	drilling out. Record on ch	art recorder &
BOPE: 11" 3	A with one annular and 2 ra	p. Maintain safety valve & insi-	de BOP on rin floor a	all times. Kelly to be eq	uipped with upper
tour sheet. Fi	inction test rams on each tr	3. Maintain salety valve a man	de Bor annig meer =		
& lower kelly	/alves				
Drop Totco su	rveys every 2000. Maximu	m allowable hole angle is 5 de	grees.		
	_				

Diop roles	34110)2 213.)				 	·	
DRILLING ENGINEE	:R·				DATE:		
	Ē	Brad Laney		<u></u>	DATE:		
DRILLING SUPERIN		Randy Bayne	NBU1022-14M_	APD.xls			

^{*}Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

NBU #1022-14M SW/SW Sec. 14,T10S,R22E UINTAH COUNTY, UTAH UTU-468

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the NBU#1022-14M on 3/15/05, for the subject well.

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 0.15 Miles +/- of new access road is proposed. Refer to Topo Map B.

3. <u>Location of Existing Wells Within a 1-Mile Radius:</u>

Please refer to Topo Map C.

4. <u>Location of Existing & Proposed Facilities:</u>

Please see the Natural Buttes Unit SOP.

Approximately 790' +/- of pipeline is proposed. Up to 4" pipeline shall be Butt Welded. Refer to Topo Map D for the location of the proposed pipeline.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5Y 6/2), a non-reflective earthtone.

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. Source of Construction Materials:

Please see the Natural Buttes SOP.

7. <u>Methods of Handling Waste Materials</u>:

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (Request is in lieu of filing Form 3160-5, after initial production).

8. Ancillary Facilities:

Please see the Natural Buttes SOP.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

As per previous onsite discussion, a 16 mil reserve pit liner with felt, straw and double layer of felt plastic will be required.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be resurveyed and a form 3160-5 will be submitted.

10. Plans for Reclamation of the Surface:

Please see the Natural Buttes SOP.

The following seed mixture will be used to reclaim the surface. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for *drilled* seed are:

Gardiner Saltbrush	3 lbs.
Indian Ricegrass	3 lbs.
Needle and Thread Grass	3 lbs.
Shadscale	3 lbs.

11. Surface Ownership:

The well pad and access road are located on lands owned by:

United States of America Bureau of Land Management 170 South 500 East Vernal, UT 84078 (435)781-4400

12. Other Information:

A Class III archaeological survey has been completed and submitted to Bureau of Land Management.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

All lease and/or operations will conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The operator will control noxious weeds along Rights-of-Way for roads, pipeline, well sites, or other applicable facilities.

13. <u>Lessee's or Operators's Representative & Certification</u>:

Sheila Upchego Regulatory Analyst Westport Oil &Gas Company L.P. P.O. Box 1148 Vernal, UT 84078 (435) 781-7024 Randy Bayne Drilling Manager Westport Oil &Gas Company L.P. P.O. Box 1148 Vernal, UT 84078 (435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Westport O&G Co. L.P. is considered to be the operator of the subject well. Westport O&G Co. L.P. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR for lease activities is being provided by BLM Nationwide Bond #CO-1203.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

/s/ Sheila Upchego/UJU/UJI/IJ/ Sheila Upchego

4/6/05

Date

WESTPORT OIL AND GAS COMPANY, L.P. NBU #1022-14M SECTION 14, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 12.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; PROCEED IN A EASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.7 MILES THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 58.35 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-14M LOCATED IN UINTAH COUNTY, UTAH SECTION 14, T10S, R22E, S.L.B.&M.

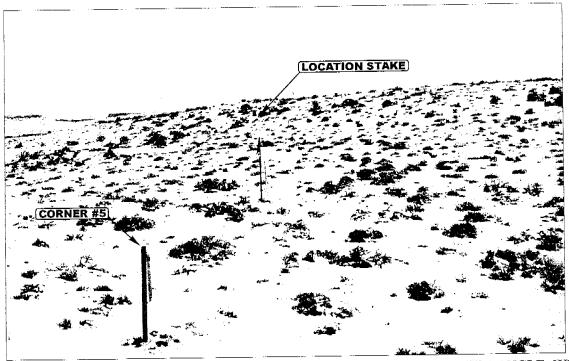


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: WESTERLY

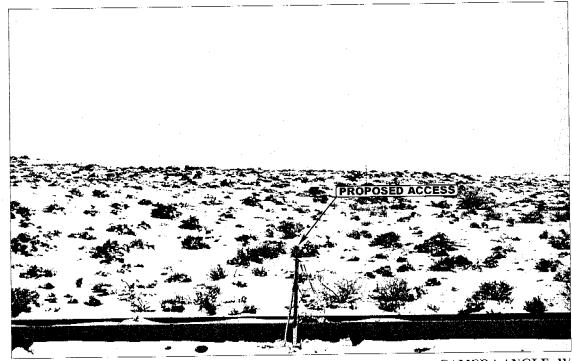


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



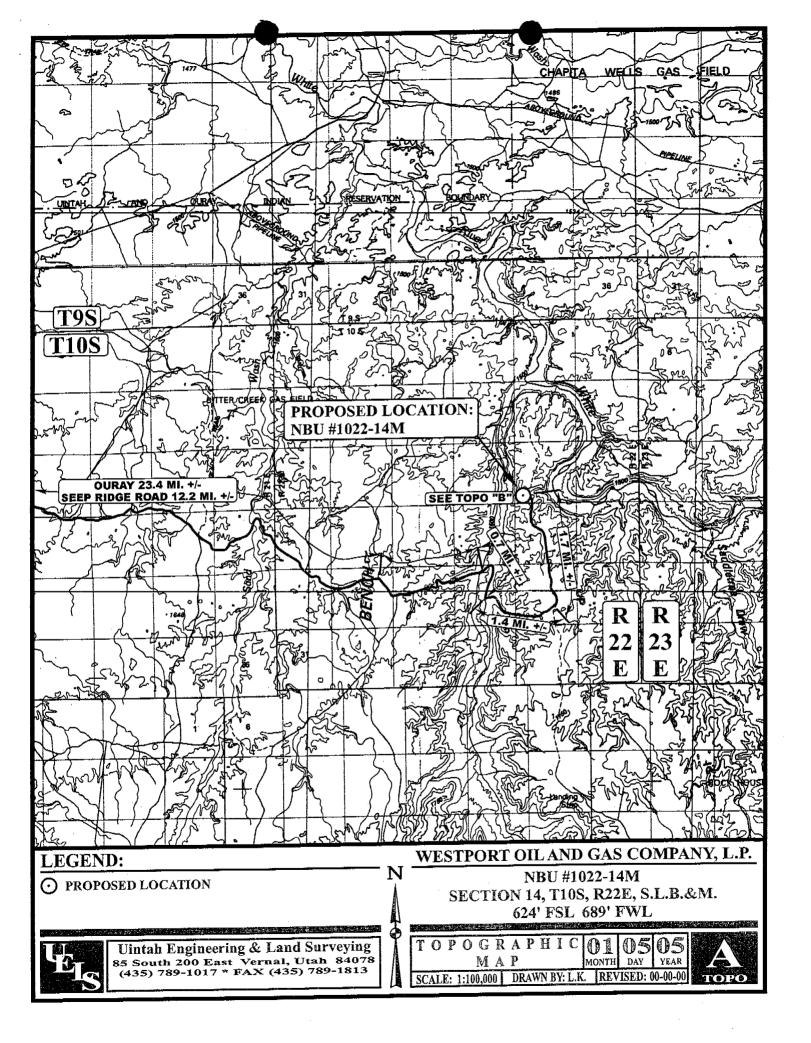
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

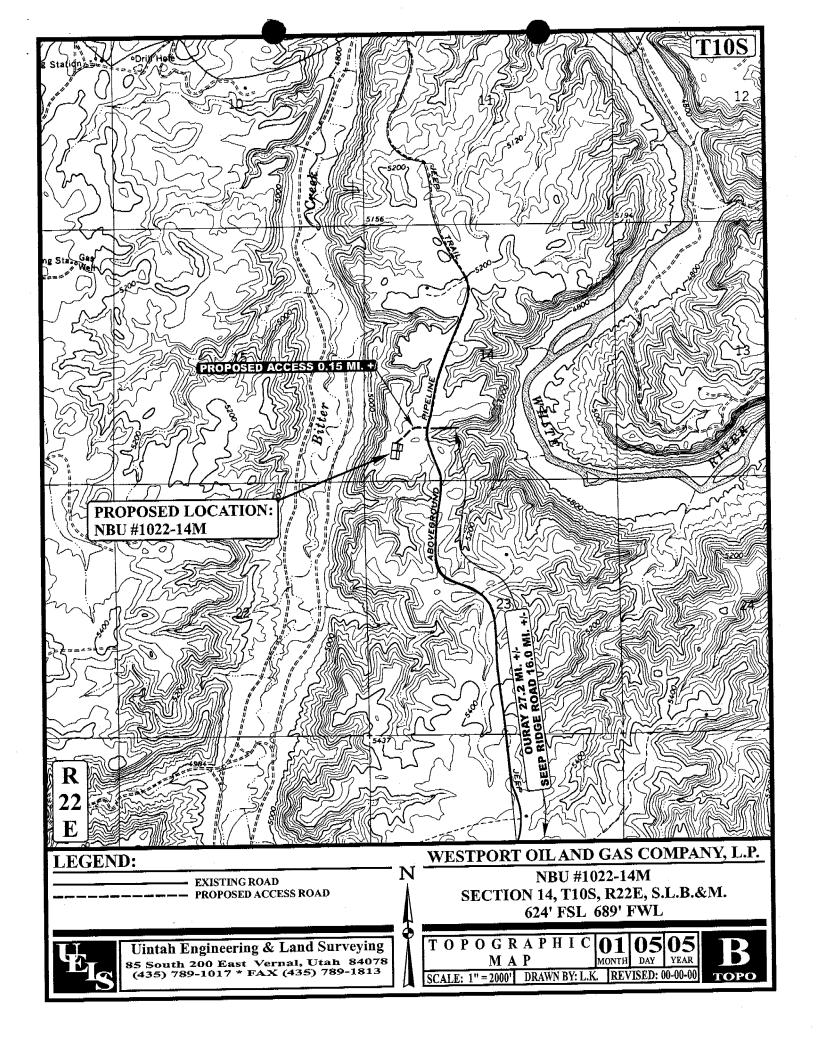
LOCATION PHOTOS

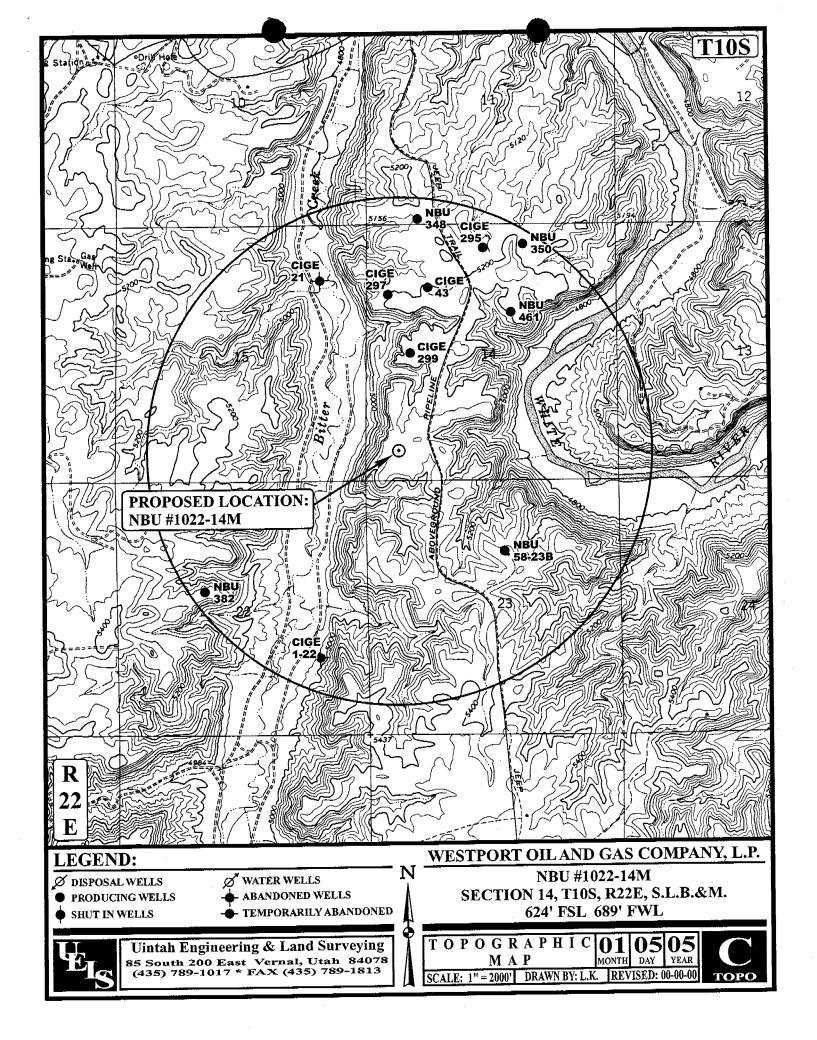
01 05 05 MONTH DAY YEAR

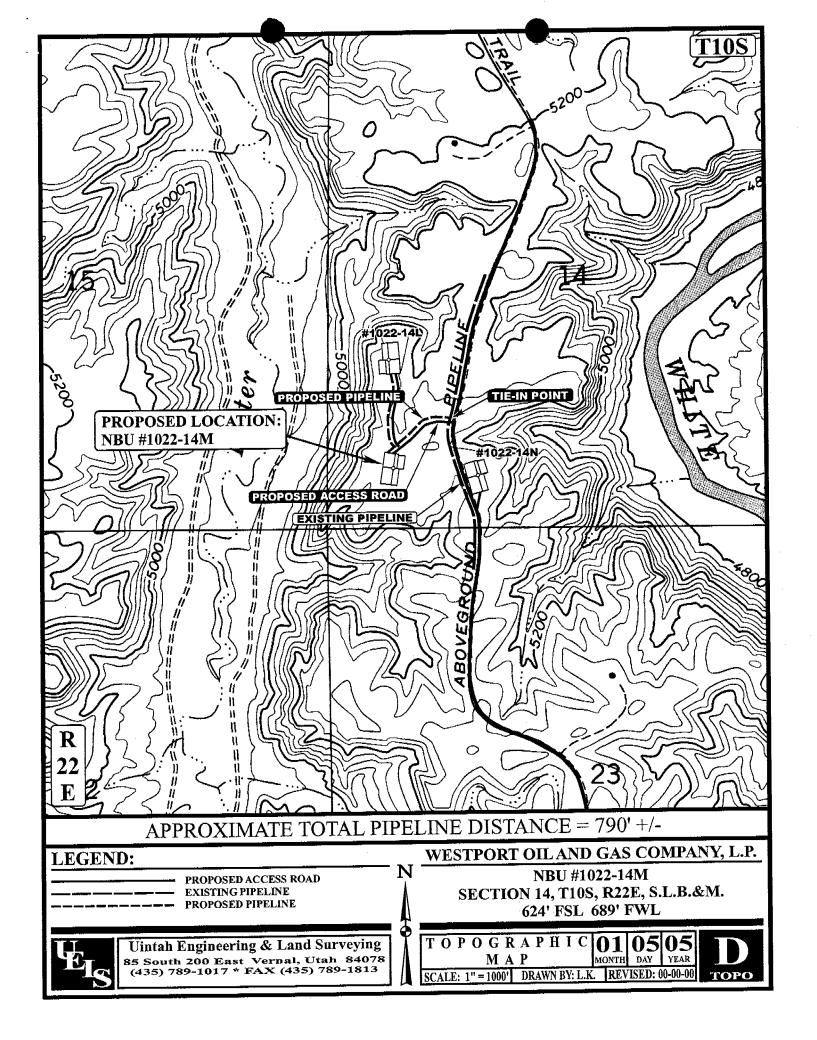
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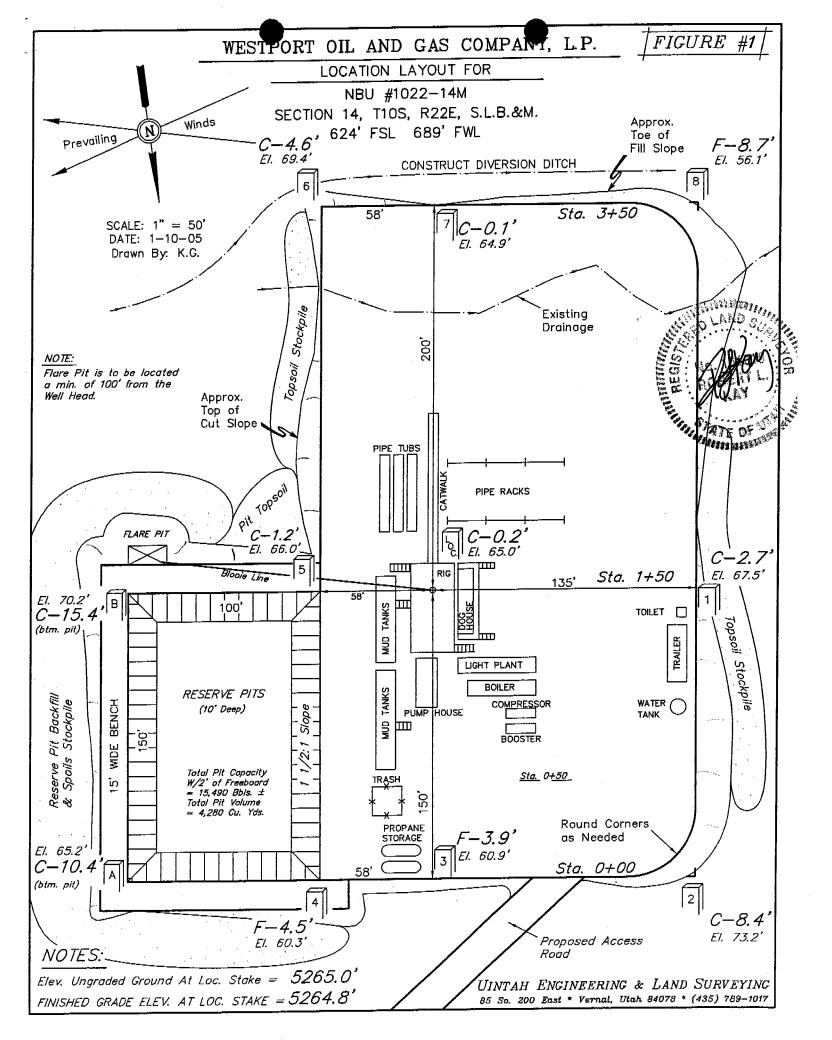
TAKEN BY: D.K. | DRAWN BY: L.K. | REVISED: 00-00-00

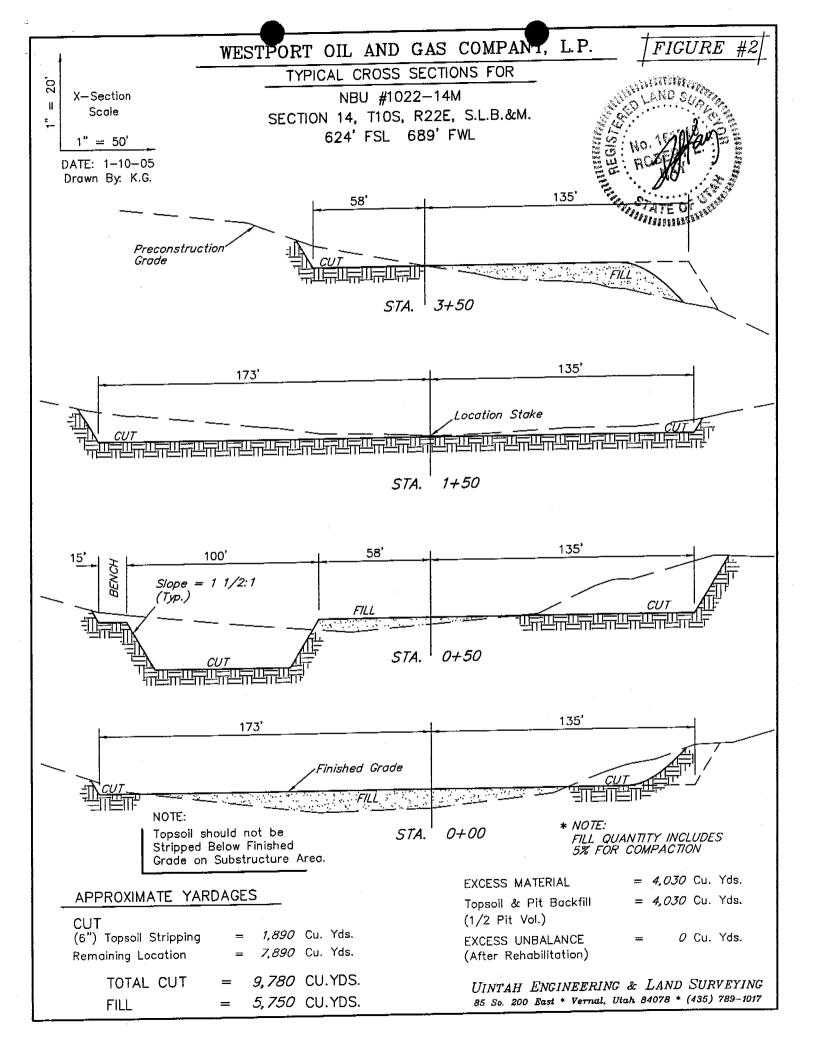




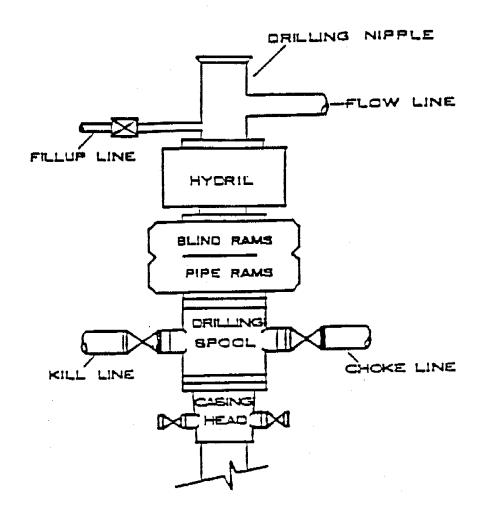


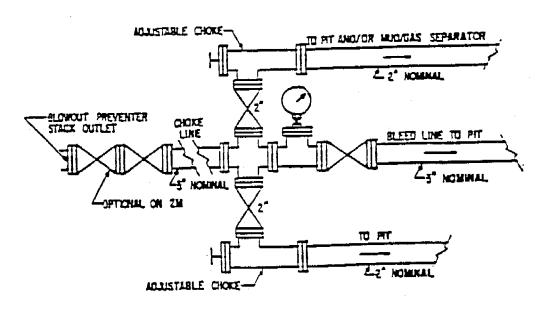






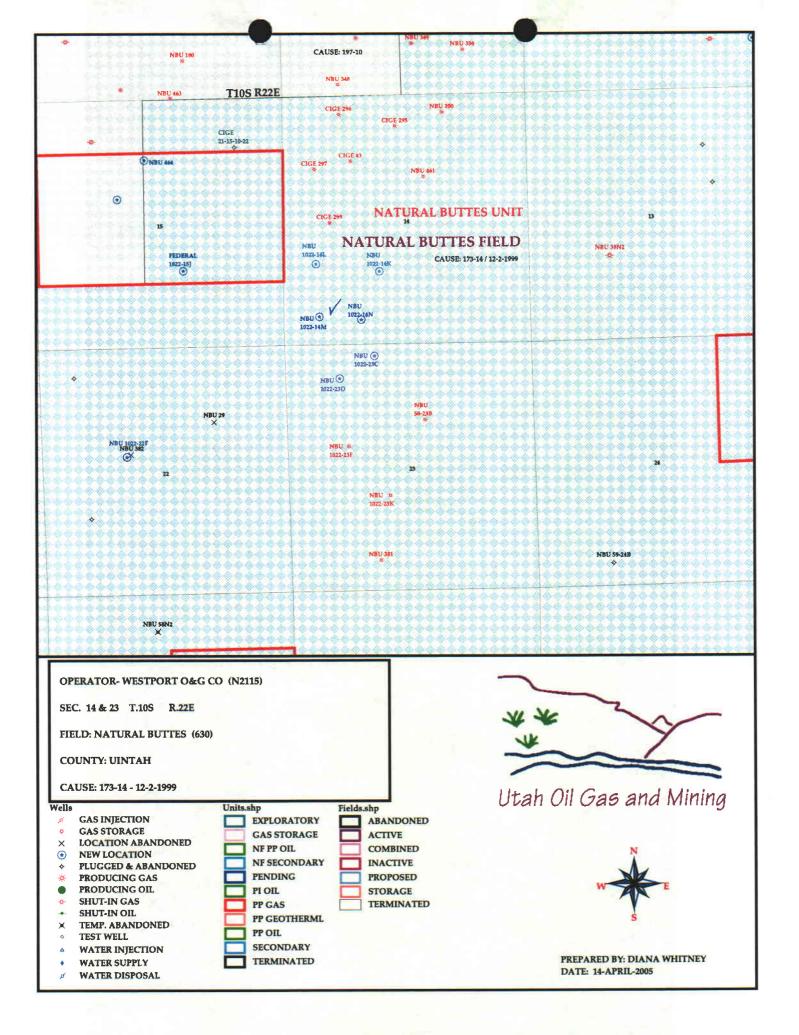
EOP STACK





WORKSHEET APPLICATION FOR PERMIT TO DRILL

ADD DOORTHOD 04 422 4225				
APD RECEIVED: 04/13/2005	API NO. ASSIGNE	D: 43-047-3657	U	
WELL NAME: NBU 1022-14M OPERATOR: WESTPORT OIL & GAS CO (N2115)		E 701 7004		
CONTACT: SHEILA UPCHEGO	PHONE NUMBER: 43	5-781-7024		
PROPOSED LOCATION: SWSW 14 100S 220E	INSPECT LOCATN	BY: / /		
SURFACE: 0624 FSL 0689 FWL BOTTOM: 0624 FSL 0689 FWL	Tech Review	Initials	Date	
UINTAH	Engineering			
NATURAL BUTTES (630)	Geology			
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-468	Surface			
SURFACE OWNER: 1 - Federal PROPOSED FORMATION: WSMVD COALBED METHANE WELL? NO	LATITUDE: 39.94336 LONGITUDE: -109.4134			
RECEIVED AND/OR REVIEWED:	LOCATION AND SITE	NG:		
Plat	R649-2-3.			
Bond: Fed[1] Ind[] Sta[] Fee[] (No. CO-1203)	Unit NATURAL BUTTES R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells			
Potash (Y/N)				
Y Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit	R649-3-3. E		between Wells	
(No. <u>43-8496</u>)	Drilling Uni	t		
	Board Cause Eff Date:		14	
Na Fee Surf Agreement (Y/N)	Siting: 460	fr ubdrg ?	1999 Uncomm. Tr	
		Directional Dri		
COMMENTS:SD Se	peratibles			
STIPULATIONS:	10 approva			
2-0	IL SHALE			



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

April 15, 2005

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2005 Plan of Development Natural Buttes Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Natural Buttes Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ MesaVerde)

```
43-047-36558 NBU 921-31D Sec 31 T09S R21E 0527 FNL 1000 FWL
43-047-36559 NBU 921-31A Sec 31 T09S R21E 0775 FNL 0747 FEL
43-047-36560 NBU 921-31H Sec 31 T09S R21E 1957 FNL 0704 FEL
43-047-36561 NBU 921-31G Sec 31 T09S R21E 1980 FNL 1980 FEL
43-047-36562 NBU 921-31F Sec 31 T09S R21E 1993 FNL 2148 FWL
43-047-36563 NBU 921-31E Sec 31 T09S R21E 2230 FNL 0567 FWL
43-047-36564 NBU 921-33B Sec 33 T09S R21E 0660 FNL 1983 FEL
43-047-36565 NBU 1022-1A Sec 1 T10S R22E 1134 FNL 0717 FEL
43-047-36566 NBU 1022-1B Sec 1 T10S R22E 0961 FNL 1464 FEL
43-047-36577 NBU 1022-1D Sec 1 T10S R22E 0221 FNL 0009 FWL
43-047-36567 NBU 1022-1F
                          Sec 1 T10S R22E 2504 FNL 2534 FWL
43-047-36568 NBU 1022-1H Sec 1 T10S R22E 1883 FNL 0516 FEL
43-047-36569 NBU 1022-14N Sec 14 T10S R22E 0542 FSL 1577 FWL
43-047-36570 NBU 1022-14M Sec 14 T10S R22E 0624 FSL 0689 FWL
43-047-36571 NBU 1022-14L Sec 14 T10S R22E 1753 FSL 0644 FWL
43-047-36572 NBU 1022-23D Sec 23 T10S R22E 0720 FNL 1088 FWL
43-047-36573 NBU 1022-23C Sec 23 T10S R22E 0257 FNL 1840 FWL
```

This office has no objection to permitting the wells at this time.



State of Utah

Department of Natural Resources

> MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

MARY ANN WRIGHT Acting Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

April 18, 2005

Westport Oil & Gas Company LP 1368 South 1200 East Vernal, Utah 84078

Re:

Natural Buttes Unit 1022-14M Well, 624' FSL, 689' FWL, SW SW, Sec. 14, T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36570.

Sincerely,

John R. Baza Associate Director

jc Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Westp	Westport Oil & Gas Company LP					
Well Name & Number	ell Name & Number Natural Buttes Unit 1022-14M						
API Number: 43-047-36570							
Lease:	UTU-	468					
Location: SW SW	Sec. <u>14</u>	T. 10 South	R. 22 East				

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-3 (August 1999)

APR 1 1 2005

FORM APPROVED OMB No. 1004-0136

Expires November 30, 2000

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

ロロアイエラ	I FOR PERMIT	DEENTED

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

UTU-468

APPLICATION FOR PERMIT I	O DRILL OR REENTER			
1a. Type of Work: X DRILL R	EENTER		7. If Unit or CA Agreeme	ent, Name and No.
			NATURAL BUTTES	UNIT
		_	8. Lease Name and Well	
b. Type of Well: Oil Well Gas Well Other	Single Zone	Multiple Zone	NBU 1022-14M	
2. Name of Operator			9. API Well No.	
WESTPORT OIL & GAS COMPANY L.P.			43-047-36	<i>570</i>
3A. Address	3b. Phone No. (include area	code)	10. Field and Pool, or Ex	
1368 SOUTH 1200 EAST VERNAL, UT 84078	(435) 781-7024		NATURAL BUTTES	6
4. Location of Well (Report location clearly and in accordance wi	th any State requirements.*)		11. Sec., T., R., M., or Bl	k, and Survey or Area
At surface SWSW 624'FSL & 689'FWL				
At proposed prod. Zone			SECTION 14-T10S-	R22E
14. Distance in miles and direction from nearest town or post offic	e*		12. County or Parish	13. State
43.35 MILES SOUTHEAST OF OURAY, UTAH			UINTAH	UTAH
5. Distance from proposed* location to nearest	16. No. of Acres in lease	17. Spacing Unit d	edicated to this well	· "
property or lease line, ft. (Also to nearest drig, unit line, if any)			•	
	320.00	40.00		
8. Distance from proposed location* to nearest well drilling completed REFER To	19. Proposed Depth	20. BLM/BIA Bon	20. BLM/BIA Bond No. on file	
8. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. TOPO C	8575'	CO-1203		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work	will start*	23. Estimated duration	
5265'GL				
	24. Attachments			
	N	1 11 1 1 1 1 1 1		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office.
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification.
- Such other site specific information and/or plans as may be required by the authorized office.

25. Signature	Name (Printed/Typed)	Date
	SHEILA UPCHEGO	4/6/2005
Title		
REGULATORY ANALYSTI /	_	
Appropried by (Signature)	Name (Printed/Typed)	Date /
Tround & Joanna		08/17/2009
Title Assistant Field Manager	Office	
Mineral Resources	<u>.</u>	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED SEP 0 9 2005

DIV. OF OIL, GAS & MINING

UDO 61

CONDITIONS OF APPROVAL ATTACHED

Well No.: Federal 1022-14M

CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator:

Westport Oil and Gas Company LP

Well Name & Number: Federal 1022-14M

Lease Number:

U-468

Location:

SWSW Sec. 14 T.10S R. 22E

API Number:

43-047-36570

Agreement:

N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

DRILLING PROGRAM A.

Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected 1. to be Encountered

Report ALL water shows and water-bearing sands to John Mayers of this office prior to setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable.

2. Pressure Control Equipment

The variances requested in section 9 of the NBU Field SOP are granted with the following conditions:

Where the location and rig layout allows, the blooie line shall be straight and extend 100' from

Well No.: Federal 1022-14M

the wellbore. This requirement will be waived only in the case where the location is too small to accommodate it.

3. Casing Program and Auxiliary Equipment

As a minimum requirement, the cement behind the production/intermediate casing must extend at least 200' above the top of the surface casing shoe.

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF or other).

6. Notifications of Operations

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

7. Other Information

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Matt Baker (435) 828-4470 Petroleum Engineer

Michael Lee

(435) 828-7875

Petroleum Engineer

BLM FAX Machine (435) 781-4410

Page 3 of 3

Well No.: Federal 1022-14M

- If any paleontological or cultural materials are encountered, stop work immediately and report the find to this office.
- Do not construct the diversion ditch. Instead, dip the blade at corner 6 to allow water to run along the edge of location to corner 7, where it will leave location and run around the fill from corners 7 and 8.
- The seed mix for this location shall be:

GlobemallowSphaeralcea coccinea3 lbs./acreNeedle and ThreadgrassHesperostipa comata3 lbs./acreIndian RicegrassAchnatherum hymenoides3 lbs./acreShadscaleAtriplex canescens3 lbs./acre

- All pounds are in pure live seed.
- Reseeding may be required if first seeding is not successful.
- 4 to 6 inches of topsoil should be stripped from the location and windrowed as shown on the cut sheet. The topsoil shall then be broadcast seeded with the recommended seed mix immediately after it has been windrowed and the seed walked into the soil with a dozer.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding should take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.

Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt

The pipeline shall be buried within the identified construction width of an access corridor that contains the access road and pipelines. The operator may request in writing an exception to this COA. Exceptions to this COA may be include but are not limited to: laterally extensive, hard indurated bedrock, such as sandstone, which is at or within 2 feet of the surface; and, soil types with a poor history for successful rehabilitation. The exception request will be reviewed by the authorized officer (AO) and a determination made.

Prior to abandonment of a buried pipeline, the operator will obtain authorization from the appropriate regulatory agency. BLM will determine whether the pipeline and all above ground pipeline facilities shall be removed and unsalvageable materials disposed of at approved sites or abandoned in place. Reshaping and revegetation of disturbed land areas will be completed where necessary.

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING		
1. DJJ		
2 CDW		

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:			1/6/2006		
FROM: (Old Operator):	TO: (New O	erator):			
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-M		Gas Onsho	re, LP	
1368 South 1200 East	1368 S	outh 1200	East		
Vernal, UT 84078	Vernal	, UT 84078	3		
Phone: 1-(435) 781-7024	Phone: 1-(435)	781-7024			
CA No.	Unit:	N	ATURAL I	BUTTES	UNIT
WELL NAME SEC TWN RNG	API NO	ENTITY	LEASE	WELL	WELL
l 9,		NO	TYPE	TYPE	STATUS
OPERATOR CHANGES DOCUMENTATION					
Enter date after each listed item is completed					
1. (R649-8-10) Sundry or legal documentation was received from the	FORMER ope	rator on:	5/10/2000	5	
2. (R649-8-10) Sundry or legal documentation was received from the	NEW operator	on:	5/10/2000	5	
3. The new company was checked on the Department of Commerce	e, Division of Co	orporation	s Database	on:	3/7/2006
4a. Is the new operator registered in the State of Utah: YES	Business Numb	er:	1355743-01	81	
4b. If NO , the operator was contacted contacted on:	_			_	
5a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE				
5b. Inspections of LA PA state/fee well sites complete on:	n/a	3 LA well	s & all PA v	vells tran	sferred
5c. Reports current for Production/Disposition & Sundries on:	ok	•			
6. Federal and Indian Lease Wells: The BLM and or the I	BIA has appro	ved the n	nerger, na	me chan	ge,
or operator change for all wells listed on Federal or Indian leases of	on:	BLM	3/27/2000	BIA	not yet
7. Federal and Indian Units:					
The BLM or BIA has approved the successor of unit operator for	r wells listed on:		3/27/2006		
8. Federal and Indian Communization Agreements ("	CA"):				
The BLM or BIA has approved the operator for all wells listed w			n/a		
	ivision has appro		-	isfer of A	uthority to
Inject, for the enhanced/secondary recovery unit/project for the wa	ater disposal wel	ll(s) listed o	on:		
DATA ENTRY:					
1. Changes entered in the Oil and Gas Database on:	5/15/2006				
2. Changes have been entered on the Monthly Operator Change Sp			5/15/2006	_	
3. Bond information entered in RBDMS on:4. Fee/State wells attached to bond in RBDMS on:	5/15/2006	-			
4. Fee/State wells attached to bond in RBDMS on:5. Injection Projects to new operator in RBDMS on:	5/16/2006	-			
6. Receipt of Acceptance of Drilling Procedures for APD/New on:	-	n/a	Name Cha	nge Only	
BOND VERIFICATION:					
Federal well(s) covered by Bond Number:	CO1203				
2. Indian well(s) covered by Bond Number:	RLB0005239	-			
3. (R649-3-1) The NEW operator of any fee well(s) listed covered by		-	RLB000523	36	
a. The FORMER operator has requested a release of liability from their bond on: n/a rider added KMG					
The Division sent response by letter on:					
LEASE INTEREST OWNER NOTIFICATION:		-			
4. (R649-2-10) The FORMER operator of the fee wells has been cont	tacted and inform	ned by a let	tter from the	Division	
of their responsibility to notify all interest owners of this change on		5/16/2006			
COMMENTS:					

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5.	Lease	Seria!	No.

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.			MULTIPLE LEASES 6. If Indian, Allottee or Tribe Name	
SUBMIT IN TRIP	LICATE – Other instr	uctions on reverse s	side	7. If Unit or CA/Agreement, Name and/or No.
I. Type of Well				1
Oil Well X Gas Well	Other Other			8. Well Name and No.
2. Name of Operator				MUTIPLE WELLS
KERR-McGEE OIL & GAS	ONSHORE LP			9. API Well No.
3a. Address		3b. Phone No. (include of	rea code)	1
1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024		10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec.	, T., R., M., or Survey Descript			1
SEE ATTACHED				11. County or Parish, State UINTAH COUNTY, UTAH
12. CHECK API	PROPRIATE BOX(ES) TO	INDICATE NATURE OF	NOTICE, F	REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE	OF ACTION	N
Notice of Intent	Acidize Alter Casing	Deepen [Production Reclamatic	(Start/Resume) Water Shut-Off
Subsequent Report	Casing Repair Change Plans	New Construction	Recomplet	Other CHANGE OF
Final Abandonment Notice	Convert to Injection	Plug and Abandon Plug Back	Water Disp	
13. Describe Proposed or Completed Op If the proposal is to deepen direction	erations (clearly state all pertiner nally or recomplete horizontally,	nt details, including estimated stagive subsurface locations and ma	arting date of a	my proposed work and approximate duration thereof. we vertical depths of all pertinent markers and zones.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS DESPONSIBLE LINDER TERMS AND CONSIDERED.

RECEIVED

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE

BIM BOND = CDI202

MAY 1 0 2006

IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

DIV. OF OIL, GAS & MINING

 I hereby certify that the foregoing is true and corn Name (Printed/Typed) FANDY BAYNE 	Title Earlene Ru DRILLING MANAGER	leve Russell f Oil, Gas and Mining ussell, Engineering Technician
Sightature / Sayne	Date May 9, 2006	
	THIS SPACE FOR FEDERAL OR STATE U	SE
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this certify that the applicant holds legal or equitable title to those which would entile the applicant to conduct operations thereo	rights in the subject lease	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

SUNDRY NOTICES AND REPORTS ON WELLS

	Use Form 3160-3 (APD)			6. If Indian, Allottee or Tribe	Varne
SUBMIT IN TRIPL	ICATE – Other instru	ctions on rev	erse side	7. If Unit or CA/Agreement, N	ame and/or No.
I. Type of Well					
Oil Well X Gas Well	Other .			8. Well Name and No.	
2. Name of Operator				MUTIPLE WELLS	
WESTPORT OIL & GAS CO	MPANY L.P.			9. API Well No.	
3a. Address		3b. Phone No.	include area code)		
1368 SOUTH 1200 EAST V		(435) 781-70	24	10. Field and Pool, or Explorato	ry Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	n)			
055 47740450				11. County or Parish, State	
SEE ATTACHED				UINTAH COUNTY, UTA	н
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NAT	URE OF NOTICE	E, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACT	ION	
Notice of Intent	Acidize	Deepen	Produc	tion (Start/Resume)	Off
_	Alter Casing	Fracture Trea	_	· · · · · · · · · · · · · · · · · · ·	
X Subsequent Report	Casing Repair	New Construe		plete 👿 Other CHA	•
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Aba	= '	rarily Abandon OPERATO	R
13. Describe Proposed or Completed Oper	· – ·	Plug Back		Disposal	
ronowing completion of the myoryed	perations. If the operation result bandonment Notices shall be filed at inspection. DO6, WESTPORT OIL & THE ATTACHED WELL	is in a multiple com I only after all requ GGAS COMPA LOCATIONS	pletion or recompleti rements, including r ANY L.P., HAS TO KERR-Mc	GEE OIL & GAS	1 L. CI_1
	APPR	OVED 3	5/6/06	RECEI	√ED
	$\mathcal{L}a$	rlove Ri	issell		
	Division	of Oil, Gas an	d Mining	MAY 1 0	2006
	Dariene F	cussell, Engine	ering Technic	lan DIV OF OU OAS	0 *****
14. I hereby certify that the foregoing	s is true and correct			DIV OF OIL GAS	* MINING
Name (Printed/Typed)		Title			
BRAD LANEY Signature			ING SPECIAL	IST	
orginature .		Date May 9, 2006	3		-
	THIS SPACE	FOR FEDERAL			
Approved by		Title		Date	
Olack January				5-9-06	
Conditions of approval, if any, are attacked certify that the applicant holds legated equit which would entitle the applicant to conduct	able title to those rights in the subje	arrant or Office			
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemer	it a crime for any person know	vingly and willfull matter within its ju	y to make to any durisdiction.	lepartment or agency of the United S	lates any



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700 Denver, CO 80202

Oil & Gas

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303,239,3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office
Rider #1 to Bond WY2357

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

CC:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

MAR 2 8 2006

TOLOFOL, CAO 2 LINE D

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMEN

FORM APPROVED

1 0101111	
OMB No.	1004-0135
Expires Jnove	mber 30, 2000

Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS JUL 1 2 2006

lutu-468

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.			6. If Indian, Allottee or Tribe Name	
SUBMIT IN TRIPLICATE – Other instructions on reverse side			7. If Unit or CA/Agreement, Name and/or No. NATURAL BUTTES UNIT	
1. Type of Well Oil Well Gas Well Other			8. Well Name and No. NBU 1022-14M	
2. Name of Operator KERR McGEE OIL AND GAS ONSHORE LP		9. API Well No. 4304736570		
3a. Address 3b. Phone No. (include area code) 1368 SOUTH 1200 EAST VERNAL, UT 84078 435-781-7003			10. Field and Pool, or Exploratory Area NATURAL BUTTES	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 624' FSL 689' FWL			11. County or Parish, State	
SWSW, SEC 14-T10S-R22E				UINTAH, UT
12. CHECK APPI	ROPRIATE BOX(ES) TO			REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION			
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Reclamation	
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	Recomplet Temporari Water Dis	ly Abandon BLM
Final Abandonment Notice	Convert to Injection	Plug Back		any proposed work and approximate duration thereof.

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE BUREAU OF LAND MANAGEMENT ON AUGUST 17, 2005.

> Accepted by the Utah Division of Oil, Gos and Mining TIMO COMO COMA

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	Title
RAMEY HOOPES	REGULATORY CLERK
Signature Survey	July 12, 2006
11	DR FEDERAL OR STATE USE
Approved by Wax Poles	etroleum Engineer Date
Conditions of approval, if any, are attached. Approval of this notice does not warracertify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.	icase — — — — — — — — — — — — — — — — — — —
Title 18 U.S.C. Section 1001, make it a crime for any person knowir	igly and willfully to make to any department or agency of the United States only

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. AUG 1 0 2006



CONDITIONS OF APPROVAL

Kerr McGee Oil & Gas Onshore.

Notice of Intent APD Extension

Lease:

UTU-468

Well:

NBU 1022-14M

Location:

SWSW Sec 14-T10S-R22E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 8/17/07
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company:		KERR-McGEE OIL & GAS ONSHORE LP				
Well Name:		NBU 102	22-14M			
Api No:	<u>43-047-365</u>	70	Lease	Гуре:	FEDERAL	
Section 14 T	ownship	10S Range_	22E	_County	UINTAH	
Drilling Contra	ctor	PETE MA	RTIN	RIC	# BUCKET	
SPUDDED	:					
D	ate	09/15/06				
T	ime	4:00 PM				
H	How	DRY				
Drilling will	Commen	ce:				
Reported by		LOU WE	ELDON			
Telephone #		(435) 781	-7060			
Date <u>09/1</u>	1 <u>9/06</u> Sigi	ned	CHD			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FORM 8

ENTITY ACTION FORM

Operator:

KERR McGEE OIL & GAS ONSHORE LP

Operator Account Number: N 2995

Address:

1368 SOUTH 1200 EAST

city VERNAL

zip 84078 state UT

Phone Number: (435) 781-7024

Well	•

VE 1121-16N		SESW	16	115	21E	UINTAH
Current Entity Number	New Entity Number	\$	pud Dat	te		y Assignment fective Date
99999	15650	9	/17/200	6	9/	31/06
	Current Entity Number	Current Entity Number 99999 15650	Current Entity New Entity Number 99999 15650	Current Entity New Entity Spud Date Number Number 9/17/200	Current Entity New Entity Number New Entity Number Spud Date 99999 15650 9/17/2006	Current Entity Number New Entity Number Spud Date Entity Eff 99999 15650 9/17/2006 9/2

SPUD WELL LOCATION ON 09/17/2006 AT 1730 HRS

Wall 9

Well I 022-14M2-\$						
		swsw	14	10\$	22E	UINTAH
ent Entity lumber	New Entity Number	S	pud Da	te		ty Assignment ffective Date
99999	2900	9	/15/200	16	9	121/06
	99999	lumber Number 99999 2960	99999 3960 9	Number Number 99999 3960 9/15/200	Number Number 99999 290 9/15/2006	Sint Entry Number Entry Sint Entry

SPUD WELL LOCATION ON 09/15/2006 AT 1100 HRS.

Well 3

API Number	TACH L	łame	QQ	Sec	TWP	Rng	County
4304736570	NBU 1022-14M		swsw	14	10\$	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Sı	oud Dat	te		ty Assignment Mective Date
B	99999	2900	9	/15/200	6		1/21/06

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity

E - Other (Explain in 'comments' section)

(5/2000) Co./Dept

SHEILA UPCHEGO

REGULATORY ANALYST

Title

9/20/2006 Date

RECEIVED

SEP 2 0 2006

DIV. OF OIL, GAS & MINING

Form 3 160-5 (August 1999)

UNITED STATES

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. Lease Serial No.

UTU-468

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an

abandoned well.	Use Form 3160-3 (APD) for such proposal	s.	
SUBMIT IN TRIPLICATE – Other instructions on reverse side				7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A
1. Type of Well				NATURAL BUTTES UNIT
Oil Well X Gas Well Other				8. Well Name and No.
2. Name of Operator				NBU 1022-14M
KERR-McGEE OIL & GAS ONSHORE LP			9. API Well No.	
3a. Address 3b. Phone No. (include area code)			4304736570	
1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024			10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)			NATURAL BUTTES UNIT	
				11. County or Parish, State
SWSW SEC. 14, T10S, R22E 624'FSL, 689'FWL			UINTAH COUNTY, UTAH	
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, R				EPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION	1
Notice of Intent✓ Subsequent Report☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Reclamation Recomplet	e X Other WELL SPUD y Abandon
If the proposal is to deepen directiona	illy or recomplete horizontally, gi	ive subsurface locations and	l measured and tru	ny proposed work and approximate duminon thereof e vertical depths of all pertinent markers and zones red subsequent reports shall be filed within 30 days

following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU BILL MARTIN AIR RIG ON 09/21/2006. DRILLED 12 1/4" SURFACE HOLE TO 2370'. RAN 9 5/8" 48 JTS OF 32.3# H-40 AND 10 JTS OF 36# J-55 SURFACE CSG. LEAD CMT W/350 SX PREM CLASS G @15.8 PPG 1.15 YIELD. TAILED CMT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS TO PIT. TOP OUT W/125 SX CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE NO CMT TO SURFACE. TOP OUT W/325 SX CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE CMT TO SURFACE. HOLE STAYED FULL. WORT.

14. I hereby certify that the foregoing is true and correct		
Name (Printed/Typed)	tle	
Sheila Upchego Re	egulatory Analyst	
	eptember 25, 2006	
	FEDERAL OR STATE USE	
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant of certify that the applicant holds legal or equitable title to those rights in the subject leas which would entitle the applicant to conduct operations thereon.	e	
Title 18 U.S.C. Section 1001, make it a crime for any person knowingly	and willfully to make to any departm	ent or agency of the United States any

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS UTU-468

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name

				j	
SUBMIT IN TRIPLICATE – Other instructions on reverse side					A/Agreement, Name and/or No.
1. Type of Well					BUTTES UNIT
Oil Well Gas Well Other				8. Well Name	and No.
2. Name of Operator				NBU 1022	2-14M
KERR-McGEE OIL & GAS ONSHORE LP				9. API Well N	0.
3a. Address 3b. Phone No. (include area code)			4304736570)	
1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024			10. Field and Po	ool, or Exploratory Area	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)			NATURAL BUTTES UNIT		
				11. County or P	arish, State
SWSW SEC. 14, T10S, R22E 624'FSL, 689'FWL				UINTAH CC	OUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NATURE	OF NOTICE, R	EPORT, OR O	THER DATA
TYPE OF SUBMISSION		TYF	PE OF ACTION		
Notice of Intent✓ Subsequent Report☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production Reclamatio Recomplete Temporaril Water Disp	y Abandon	Water Shut-Off Well Integrity Other WELL SPUD
13. Describe Proposed or Completed Oper If the proposal is to deepen directiona					

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 09/15/2006 AT 1600 HRS

 I hereby certify that the foregoing is true and co- Name (Printed/Typed) 	Title		
Shejla Upchego	Regulatory Analyst		
Signature Indiana	Date September 20, 2006		
	THIS SPACE FOR FEDERAL OR STATE	USE	
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this certify that the applicant holds legal or equitable title to thos which would entitle the applicant to conduct operations there	e rights in the subject lease		

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

Lease Serial No.

UTU-468

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or reenter an

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.					Allottee or Tribe Name
SUBMIT IN TRIPLICATE – Other instructions on reverse side					CA/Agreement, Name and/or No.
1. Type of Well					BUTTES UNIT
Oil Well X Gas Well Other					and No.
2. Name of Operator					2-14M
KERR-McGEE OIL & GAS ONSHORE LP				9. API Well N	lo.
3a. Address	3b. Phone No. (include	le area code)	e) 4304736570		
1368 SOUTH 1200 EAST V	(435) 781-7024		10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)			NATURAL I	BUTTES UNIT	
				11. County or I	Parish, State
SWSW SEC. 14, T10S, R22	E 624'FSL, 689'FWL			UINTAH CO	DUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NATURE	OF NOTICE, R	EPORT, OR O	THER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION	I	
Notice of IntentX Subsequent Report☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production Reclamatio Recomplete Temporaril Water Disp	e y Abandon	Water Shut-Off Well Integrity Other FINAL DRILLING OPERATIONS
 Describe Proposed or Completed Open If the proposal is to deepen directional Attach the Bond under which the wor 	lly or recomplete horizontally, gi	ve subsurface locations and	imeasured and true	e vertical depths o	f all pertinent markers and zones.

following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

FINISHED DRILLING FROM 2370' TO 8528' ON 11/02/2006. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/310 SX PREM LITE II @11.0 PPG 3.38 YIELD. TAILED CMT W/1150 SX 50/50 POZ @14.3 PPG 1.31 YIELD. SET CSG SLIPS ND BOP CUT OFF CSG. JET AND CLEAN PITS.

RELEASED ENSIGN RIG 12 ON 11/04/2006 AT 0600 HRS.

determined that the site is ready for final inspection.

RECEIVED NOV 1 3 2006

		DIV	OF OIL, GAS & MINING
14. I hereby certify that the foregoing is true and correct			The second of th
Name (Printed/Typed)	Title		
Shejja Upchego	Regulatory Analyst		
Signatur 11/4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Date November 6, 2006		
Offis SPACE FO	OR FEDERAL OR STATE	USE	
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this notice does not warre certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.			
Title 18 U.S.C. Section 1001, make it a crime for any person knowing		any department or agency of the	United States any

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

UTU-468

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this abandoned well.	6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPLI	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A		
1. Type of Well			NATURAL BUTTES UNIT
Oil Well X Gas Well Other			8. Well Name and No.
2. Name of Operator			NBU 1022-14M
KERR-McGEE OIL & GAS ONSHORE LP			9. API Well No.
3a. Address	dress 3b. Phone No. (include area code)		4304736570
1368 SOUTH 1200 EAST V	ERNAL, UT 84078	(435) 781-7024	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., 2	Γ., R., M., or Survey Descripti	on)	NATURAL BUTTES UNIT
			11. County or Parish, State
SWSW SEC. 14, T10S, R22E 624'FSL, 689'FWL			UINTAH COUNTY, UTAH
12. CHECK APPF	ROPRIATE BOX(ES) TO	INDICATE NATURE OF NOTICE, R	REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	N .
Notice of Intent Acidize Deepen Production (Start/Resume) Water Shut-Off Well Integrity Recomplete Casing Repair New Construction Recomplete Change Plans Plug and Abandon Temporarily Abandon START-UP Final Abandonment Notice Convert to Injection Plug Back Water Disposal			
If the proposal is to deepen directional Attach the Bond under which the wor	lly or recomplete horizontally, g k will be performed or provide operations. If the operation resu andonment Notices shall be file	tive subsurface locations and measured and the Bond No. on file with BLM/BIA. Requisits in a multiple completion or recompletion	in proposed work and approximate districtions are vertical depths of all pertinent markers and zones, red subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once armation, have been completed, and the operator has
THE SUBJECT WELL LOCA	TION WAS PLACED	ON PRODUCTION ON 12/22/2	006 AT 11:00 AM.
PLEASE REFER TO THE AT	TACHED CHRONOL	OGICAL WELL HISTORY.	

I hereby certify that the foregoing is true and correct Title Name (Printed/Typed) Regulatory Analyst Sheila Upchego Date January 4, 2007 THIS SPACE FOR FEDERAL OR STATE USE Date Title Approved by Office Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false fictitious or fraudulent statements or representations as to any matter within its jurisdiction. false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Anadarko Petroleum Corporation 1368 S. 1200 East Vernal, UT 84078

CHRONOLOGICAL WELL HISTORY

NBU 1022-14M

SWSW, SEC. 14. T10S, R22E UINTAH COUNTY, UT

DATE		Activity		Status
09/05/06		Build Location, 35% complete	Caza 12	
09/06/06		Build Location, 45% complete	Caza 12	
09/07/06		Build Location, 45% complete	Caza 12	
09/08/06		Build Location, 45% complete	Caza 12	DRLG
09/11/06		Build Location, 45% complete	Caza 12	DRLG
09/12/06		Build Location, 55% complete	Caza 12	
09/13/06		Build Location, 65% complete	Caza 12	
09/14/06		Build Location, 85% complete	Caza 12	
09/15/06	2333'@ 9 5/8	SET CONDUCTOR	Caza 12	
09/17/06		AIR RIG SPUD	Caza 12	
10/26/06	TD: 2340' Csg. 9 Rig up. Test BOP.	9 5/8"@ 2348' MW:	10.7 SD: 11	1/XX/06 DSS: 0
10/27/06	TD: 3465' Csg. 9 Finish testing BOPE. I	9 5/8"@ 2348' MW: PU BHA and DP and drill FE. D		0/26/06 DSS: 1 65'. DA @ report time.
10/30/06		9 5/8"@ 2348' MW: Repair swivel packing. Drill to		0/26/06 DSS: 4 ort time.
10/31/06		9 5/8"@ 2348' MW: '-7400'. DA @ report time.	10.2 SD: 10	0/26/06 DSS: 5
11/01/06	TD: 8200' Csg. 9 Drill from 7400'-8200'.	9 5/8"@ 2348' MW: DA @ report time.	10.5 SD: 10	0/26/06 DSS: 6
11/02/06	TD: 8528' Csg. 9	9 5/8"@ 2348' MW:	11.0 SD: 10	0/26/06 DSS: 7

Drill from 8200'-8528' (TD). CCH and short trip. TOOH for logs @ report time.

11/03/06

TD: 8528' Csg. 9 5/8"@ 2348' MW: 11.3 SD: 10/26/06 DSS: 8 Finish trip for logs. RU and run logs to TD. TIH and CCH. LDDP @ report time.

11/06/06

TD: 8528' Csg. 9 5/8"@ 2348' MW: 11.3 SD: 10/26/06 DSS: 10 Finish LDDP. Run and cmt 4.5" csg. Set slips, ND, cut csg. Rls rig @ 0600 hrs on 11/4/06.

12/11/06 FRAC

Days On Completion: 1

Remarks: 7:00 AM. HSM. MIRU CUTTERS & SCHLUMBERGER TO PERFORATE & FRAC. PRESSURE TEST PUMPS & LINES TO 8,500 PSI

STG1: PERF 24 HOLES F/ 8421' - 25.5', P/U SHOOT 18 HOLES F/ 8288' - 91.5', POOH. WHP 1,580 PSI, BRK DWN PERF'S @ 4,736 PSI, @ 5.3 BPM, ISIP 2,450 PSI, FG .73. PMP 100 BBLS @ 50.4 BPM 5,200 PSI, = 42 OF 42 HOLES OPEN. MP 7.613 PSI, MR 50.7 BPM, AP 4,313 PSI, AR 44.5 BPM, ISIP 2,526 PSI, FG .73, NPI 76 PSI, PMP 1,023 BBLS SLICK WATER & 31,000 LBS PROP LAST 5,000 LBS 20/40 RESIN COATED SAND.

STG 2) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASING. SET 8K BAKER CBP @ 8,016' PERF 7,984' - 88 3 SPF, 7,896' - 7,901' 4 SPF, 7,833' - 37 3 SPF, 44 HOLES. WHP 0 PSI, BRK DWN PERF'S @ 3,239 PSI, @ 5.3 BPM, ISIP 2,236 PSI, FG .70. PMP 100 BBLS @ 50.4 BPM 4,700 PSI, = 44 OF 44 HOLES OPEN. MP 7.162 PSI, MR 51.9 BPM, AP 4,311 PSI, AR 48.9 BPM, ISIP 3,085 PSI, FG .80, NPI 849 PSI, PMP 2,165 BBLS SLICK WATER & 86,200 LBS PROP LAST 5,000 LBS 20/40 RESIN COATED SAND.

STG 3) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASING. SET 8K BAKER CBP @ 7,720' PERF 7,687' - 92 4 SPF, 7,659' - 64' 4 SPF, 7,443' - 45 3 SPF, 46 HOLES. SWI, SDFN.

12/12/06 FRAC

Davs On Completion: 2

Remarks: 7:00 AM HSM. PRESSURE TEST PUMPS & LINES

STG 3) WHP 1,923 PSI, BRK DWN PERF'S @ 3,639 PSI, @ 5.3 BPM, ISIP 2,050 PSI, FG .70, PMP 100 BBLS @ 50.3 BPM 4,400 PSI, = 46 OF 46 HOLES OPEN. MP 4,624 PSI, MR 50.6 BPM, AP 4,008 PSI, AR 48.1 BPM, ISIP 2,592 PSI, FG .78, NPI 542 PSI, PMP 1,283 BBLS SLICK WATER & 50,300 LBS PROP LAST 5,000 LBS 20/40 RESIN COATED SAND.

STG 4) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASING. SET 8K BAKER CBP @ 7,335' PERF 7,304' - 05' 4 SPF, 7,251' - 54' 4 SPF, 7,117' - 21' 4 SPF, 6,978' - 80' 3 SPF, 6,913' - 15' 4 SPF, 46 HOLES WHP 980 PSI, BRK DWN PERF'S @ 3,060 PSI, @ 5.3 BPM, ISIP 1,953 PSI, FG .71, PMP 100 BBLS @ 50.8 BPM 4,312 PSI, = 46 OF 46 HOLES OPEN. MP 4339 PSI, MR 52.6 BPM, AP 3992 PSI, AR 51.0 BPM, ISIP 2707 PSI, FG .8, NPI 754 PSI, PMP 2,802 BBLS SLICK WATER & 115,000 LBS PROP LAST 5,000 LBS 20/40 RESIN COATED SAND..

STG 5) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES, 90 DEG PHASING. SET 8K BAKER CBP @ 6,709' PERF 6,671' - 79' 4 SPF, 6,586' - 88' 4 SPF, 40 HOLES. WHP 565 PSI, BRK DWN PERF'S @ 3,068 PSI, @ 5.3 BPM, ISIP 2,249 PSI, FG .77. PMP 100 BBLS @ 51.8 BPM 4,623 PSI, = 40 OF 40 HOLES OPEN. MP 4702 PSI, MR 52.3 BPM, AP 3,891 PSI, AR 51.0 BPM, ISIP 2,529 PSI, FG .81, NPI 280 PSI, PMP 587 BBLS SLICK WATER & 20,300 LBS PROP LAST 5,000 LBS 20/40 RESIN COATED SAND.

STG 6) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES, 90 DEG PHASING. SET 8K BAKER CBP @ 6,373' PERF 6,337' - 43' 4 SPF, 6,255' - 59' 4 SPF, 40 HOLES. WHP 280 PSI, BRK DWN PERF'S @ 2,748 PSI, @ 5.3 BPM, ISIP 1,590 PSI, FG .69. PMP 100 BBLS @ 52.4 BPM 4,000 PSI, = 40 OF 40 HOLES OPEN. MP 4304 PSI, MR 52.5 BPM, AP 3,382 PSI, AR 45.4 BPM, ISIP 2,280 PSI, FG .80, NPI 690 PSI, PMP 570 BBLS SLICK WATER & 19,300 LBS PROP LAST 5,000 LBS 20/40 RESIN COATED SAND.

STG 7) RIH W/ 3 3/8" EXP GUNS, 23 GRM, .36 HOLES, 90 DEG PHASING. SET 8K BAKER CBP @ 5,310' PERF 5,213' - 23' 4 SPF, 40 HOLES. SWI, SDFN.

12/13/06 FRAC

Days On Completion: 3

Remarks: 7:00 AM. HSM PRESSURE TEST LINES

STG 7) WHP 179 PSI, BRK DWN PERF'S @ 2,748 PSI, @ 5.3 BPM, ISIP 1,590 PSI, FG .69 PMP 100 BBLS @ 52.6 BPM 3,550 PSI, = 40 OF 40 HOLES OPEN. MP 3,690 PSI, MR 52.9 BPM, AP 2,632 PSI, AR 48.6 BPM, ISIP 1,750 PSI, FG .77 NPI 970 PSI, PMP 564 BBLS SLICK WATER & 20,100 LBS PROP LAST 5,000 LBS 20/40 RESIN COATED SAND KILL PLG) RIH SET 8K BAKER CBP @ 5,160'

12/21/06 DRILL CBP'S

Days On Completion: 11 Remarks: 7:00 A.M. HSM

SICP 1200#, BLEED WELL DWN (1 HR) TO 400#. CONT TO RIH P/U TBG OFF TRAILER. TAG FILL @ 8443'. R/U DRL EQUIP. BRK CONV CIRC & BEG TO DRL. C/O 30' FILL TO PBTD @ 8473'. POOH L/D 56 JTS ON TRAILER. LUBRICATE TBG HANGER INTO WELL. LAND TBG W/ EOT @ 7302'. NDBOP. NU WH. DROP BALL, PMP OFF THE BIT SUB @ 1900#. R/U FLOW BACK EQUIP. TURN OVER TO FLOW BACK CREW. RIG DWN. RACK OUT.

SICP 1350 FTP 50

OPEN CHOKE

TBG ON LOC 286 JTS
TBG IN WELL 230 JTS
TBG LEFT ON TRAILER 56 JTS

12/22/06 WELL WENT ON SALES @ 11:00 A.M., TBG 900, CSG 1025, CK 20/64, MCF 500, WTR 35 BBLS

FLOW BACK REPORT: CP: 1950#, TP: 1050#, 45 BWPH, 20/64 CHK, TTL BBLS FLWD: 1080, TODAYS LTR: 5934 BBLS, TTL LOAD REC'D: 1080 BBLS

ON SALES: 170 MCF, 0 BC, 450 BW, TP: 1075#, CP: 2075#, 20/64 CHK, 15 HRS, LP: 450#.

12/23/06 FLOW BACK REPORT: CP: 2075#, TP: 1075#, 30 BWPH, 20/64 CHK, TTL BBLS FLWD: 795, TODAYS LTR: 5139 BBLS, TTL LOAD REC'D: 1875 BBLS.

ON SALES: 248 MCF, 0 BC, 450 BW, TP: 1000#, CP: 2050#, 20/64 CHK, 18 HRS, LP: 460#.

12/24/06 FLOW BACK REPORT: CP: 2050#, TP: 1000#, 25 BWPH, 20/64 CHK, TTL BBLS FLWD: 660, TODAYS LTR: 4479 BBLS, TTL LOAD REC'D: 2535 BBLS.

ON SALES: 450 MCF, 0 BC, 480 BW, TP: 950#, CP: 2025#, 20/64 CHK, 24 HRS, LP: 493#.

12/25/06 FLOW BACK REPORT: CP: 2025#, TP: 950#, 20 BWPH, 20/64 CHK, TTL BBLS FLWD: 480, TODAYS LTR: 3999 BBLS, TTL LOAD REC'D: 3015 BBLS.
ON SALES: 600 MCF, 0 BC, 480 BW, TP: 1000#, CP: 1850#, 20/64 CHK, 24 HRS, LP: 474#.

12/26/06	FLOW BACK REPORT: CP: 1850#, TP: 1000#, 18 BWPH, 20/64 CHK, TTL BBLS FLWD: 466, TODAYS LTR: 3533 BBLS, TTL LOAD REC'D: 3481 BBLS. ON SALES: 771 MCF, 0 BC, 360 BW, TP: 1000#, CP: 1800#, 20/64 CHK, 24 HRS, LP: 484#.
12/27/06	FLOW BACK REPORT: CP: 1800#, TP: 1000#, 15 BWPH, 20/64 CHK, TTL BBLS FLWD: 360, TODAYS LTR: 3173 BBLS, TTL LOAD REC'D: 3841 BBLS. ON SALES: 986 MCF, 0 BC, 360 BW, TP: 792#, CP: 1628#, 20/64 CHK, 24 HRS, LP: 472#.
12/28/06	ON SALES: 1472 MCF, 0 BC, 340 BW, TP: 827#, CP: 1501#, 20/64 CHK, 24 HRS, LP: 476#.
12/29/06	ON SALES: 1472 MCF, 0 BC, 340 BW, TP: 827#, CP: 1501#, 20/64 CHK, 24 HRS, LP: 476 #.
12/30/06	ON SALES: 1472 MCF, 0 BC, 340 BW, TP: 827#, CP: 1501#, 20/64 CHK, 24 HRS, LP: 476#.
12/31/06	ON SALES: 2263 MCF, 0 BC, 320 BW, TP: 793#, CP: 1280#, 20/64 CHK, 24 HRS, LP: 506#.
01/01/07	ON SALES: 2457 MCF, 0 BC, 320 BW, TP: 946#, CP: 1346#, 20/64 CHK, 24 HRS, LP: 499#.
01/02/07	ON SALES: 2213 MCF, 0 BC, 300 BW, TP: 913#, CP: 1318#, 20/64 CHK, 24 HRS, LP: 475#.

Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB NO. 1004-0137 er 30, 2000

BUREAU OF LAND MANAGEMENT	Expires: November
WELL COMPLETION OR RECOMPLETION REPORT AND LOG	5. Lease Serial No.

											UTU	-468	1		
la. Type o	of Well	Oil	Well	🔀 Gas	☐ Dry	Other					6.	If Indian,	Allottee	or Tribe Nan	ie
	f Completic	on:	[X]		Work Over	Deepen	☐ Pi	lug Back	Diff.	Resvr.					
			Othe			- '	_	C			1		_	nent Name ai	
2. Name o	of Operator													A NBU U	VIT
	•	NI 0 C	AC 0	MCHODE I	n							Lease Nar			
3. Addres		JIL & C	AS C	NSHORE L			Ta Ph	one No. (in	clude area	r code)		<u>U 10:</u>		1 IVI	
		200 = 4	~T \/		-	3	1			i conc,		API Well			
				ERNAL, UT)-781-70:	24		4304	736570)		
4. Locatio	n or weir (F	керогі 100	ations c	clearly and in a	ccoraance wi	an r eaerai req	uiremen	18) "			10.	Field and	Pool, or	Exploratory	
At surface			9	SWSW 624'	'FSL, 689'	'FWL					NATI	JRAL E	BUTTE	S	
					,									Block and	
At top pro	d. interval r	eported b	elow									Survey of County of		SEC. 14, T	0S, R22 . State
1 1											UINT		1 14(15))		ГАН
At total de				5. Date T.D. R	enched		16 Dat	te Complete	ed .				s (DF RI	KB, RT, GL)	
	•		l l		cacricu			D & A		ly to Prod.	5265		.5 (D1 , IC	(LD, KI, GD)	
09/15/0			'	11/04/06			12/22	2/06							
18. Total			8528	3' 19. P	lug Back T.I		8473	1		20. Depth	Bridge	Plug Set:	MD TVD		
21 Tyme I		VD	haniaal	Logs Run (Sub	mit comy of c	TVD			22 11/	well cored	n IX i N			mit copy)	
Zi. Type i	electric & C	other Mec	namear	Logs Kun (Suo	ини сору от е	each)				DST run?				mit copy)	
CBL-CC	Y -GP									ctional Sur		_		Submit copy)
		Record (Sanart a	all strings set in	well)	,		1			<u>, </u>		•		
	T T	T			1	Stage Ce	menter	No. of S	Sks. &	Slurry V	ol.	6	- <u>-</u>		
Hole Size	Size/Grade	Wt. (#	'ft.)	Top (MD)	Bottom (M	Dep Dep		Type of	Cement	(BBL)	- 1	Cement 7	1 op*	Amount	Pulled
20"	14"	36.7	#		40'			28 9							
12 1/4"	9 5/8"	32.3#	36#	H-40 J-55	2370'			900							
7 7/8"	4 1/2"	11.€	#		8528'			1460	SX						
24 5 1:	<u> </u>	L	L_		<u> </u>								i		
24. Tubing	1		1	- 1 amil		15.10	. (2 (72)	5 1 5	1 (117)			I D 41	Cat (MD)) D1((A.(D.)
Size 2 3/8"	Depth So		Packer	r Depth (MD)	Size	Depth Se	t (MD)	Packer De	oth (MD)	Siz	e	Depth	Set (MD) Packer 3	Set (MD)
2 3/0	730)	ļ									 			
						1						1			
25 Produc	ing Interva	ls	<u> </u>			26. Perfo	ration R	ecord							
25. Produc			<u> </u>	Ton	Bottom	26. Perfo				Size	No.	Holes	<u> </u>	Perf. Status	
	Formatio	n		Top 5213'	Bottom 6343'	Per	forated l	Interval		Size).36	ļ. ——				
A)	Formatio WASAT(n CH		5213'	6343'	Per 5	forated 1 213'-6	Interval 343'		Size).36).36	{	Holes 30		Perf. Status OPEN OPEN	
A) B) M	Formatio	n CH				Per 5	forated l	Interval 343').36	{	30		OPEN	
A)	Formatio WASAT(n CH		5213'	6343'	Per 5	forated 1 213'-6	Interval 343').36	{	30		OPEN	
A) B) M C) D)	Formatio WASATO IESAVEF	n CH RDE	Cement	5213'	6343'	Per 5	forated 1 213'-6	Interval 343').36	{	30		OPEN OPEN	
A)	Formatio WASATO IESAVEF	n CH RDE		5213' 6586' Squeeze, Etc.	6343' 8463'	Per 5.	forated 213'-6 586'-8	Interval 343' 463'	(().36).36 Material	{	30	REC	OPEN OPEN	D
A) B) M. C) D) 27. Acid, F	Formatio WASATC IESAVEF Practure, Tre Depth Inter 5213'-63-	n CH RDE eatment, (val 43'	P	5213' 6586' Squeeze, Etc.	6343' 8463' BLS SLIC	Per 5. 6. 6. CK H2O & 3.	forated 3 213'-6 586'-8	Amount and # 30/50	type of M	0.36 0.36 Material	{	30	REC	OPEN OPEN	D
A) B) M. C) D) 27. Acid, F	Formatio WASAT(IESAVEF Fracture, Tro Depth Inter	n CH RDE eatment, (val 43'	P	5213' 6586' Squeeze, Etc.	6343' 8463' BLS SLIC	Per 5. 6. 6. CK H2O & 3.	forated 3 213'-6 586'-8	Amount and # 30/50	type of M	0.36 0.36 Material	{	30	REC	OPEN OPEN	D 17
A) B) M. C) D) 27. Acid, F	Formatio WASATC IESAVEF Practure, Tre Depth Inter 5213'-63-	n CH RDE eatment, (val 43'	P	5213' 6586' Squeeze, Etc.	6343' 8463' BLS SLIC	Per 5. 6. 6. CK H2O & 3.	forated 3 213'-6 586'-8	Amount and # 30/50	type of M	0.36 0.36 Material	{	18	JAL	OPEN OPEN CEIVE	7
A) B) M C) D) 27. Acid, F	Formatio WASATO IESAVEF Practure, Tro Depth Inter 5213'-63-6586'-840	n CH RDE eatment, C val 43' 63'	P	5213' 6586' Squeeze, Etc.	6343' 8463' BLS SLIC	Per 5. 6. 6. CK H2O & 3.	forated 3 213'-6 586'-8	Amount and # 30/50	type of M	0.36 0.36 Material	{	18	JAL	OPEN OPEN CEIVE	7
A) B) M C) D) 27. Acid, F	Formatio WASATC IESAVEF Fracture, Tre Depth Inter 5213'-63- 3586'-84	n CH RDE eatment, (val 43' 63'	P	5213' 6586' Squeeze, Etc. PMP 1134 B	6343' 8463' BLS SLIC BLS SLIC	Per 5 6 6 6 K H2O & 3 K H2O & 2	forated 1 213'-6 586'-8 39,400 274,90	Amount and # 30/50 00# 30/50	type of N JORDA JORDA	0.36 0.36 Material N SD AN SD	{ 2	B0 18	JAL	OPEN OPEN	7
A) B) M C) D) 27. Acid, F	Formatio WASATC IESAVEF Fracture, Tre Depth Inter 5213'-63- 3586'-84- tion - Interv Test	n CH RDE eatment, Caval 43' 63'	P	5213' 6586' Squeeze, Etc. PMP 1134 B PMP 7860 B	6343' 8463' BLS SLIC BLS SLIC	Per 5. 6. 6. CK H2O & 3.	forated 3 213'-6 586'-8	Amount and 30/50 00# 30/50	type of M	0.36 0.36 Material N SD AN SD	{ 2	18	JAL	OPEN OPEN CEIVE	7
A) B) M C) D) 27. Acid, F	Formatio WASATC IESAVEF Fracture, Tre Depth Inter 5213'-63- 3586'-84 tion - Interv Test Date	n CH RDE eatment, (val 43' 63'	P	5213' 6586' Squeeze, Etc. PMP 1134 B PMP 7860 B	6343' 8463' BLS SLIC BLS SLIC	Per 5 6 6 6 K H2O & 3 K H2O & 2 Water	forated 1 213'-6 586'-8 39,400 274,90	Amount and 30/50 00# 30/50	type of M JORDA JORD JORD	0.36 0.36 Material N SD AN SD	{ 2	BO 18	JAL PPO:VIO	OPEN OPEN CEIVE	7
A) B) M C) D) 27. Acid, F 28. Produce Date First Produced 12/22/06 Choke	Formatio WASATC IESAVEF Fracture, Tre Depth Inter 5213'-63- 3586'-84 tion - Interv Test Date 01/01/07 Tbg. Press.	n CH RDE eatment, C val 43' 63' ral A Hours Tested 24 Csg.	Test Product:	5213' 6586' Squeeze, Etc. MP 1134 B MP 7860 B Oil BBL O Oil	Gas NMCF E 2,457	Per 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	forated 1 213'-6 586'-8 39,400 274,90 Oil Grav Corr. AP	Amount and # 30/50 00# 30/50	type of M JORDA JORD JORD	0.36 0.36 Material N SD AN SD	{ 2	BO 18	JAL PPO:VIO	OPEN OPEN CEIVE V 2 2 200	7
A) B) M C) D) 27. Acid, F 28. Produce Date First Produced 12/22/06 Choke Size	Formatio WASATC IESAVEF Fracture, Tre Depth Inter 5213'-63- 3586'-844 tion - Interv Test Date 01/01/07 Tbg. Press. Flvg. 946#	eatment, Cval 43' 63' ral A Hours Tested 24 Csg. Press.	Test Product	5213' 6586' Squeeze, Etc. MP 1134 B MP 7860 B Oil BBL O Oil BBL O Oil BBL	Gas MCF 2,457	Per 5. 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	forated 1 213'-6 586'-8 39,400 274,90 Oil Grav Corr. AP	Amount and # 30/50 00# 30/50	type of M JORDA JORD JORD Gas Gravity	0.36 0.36 Material N SD AN SD	Producti	BO 18	JAI NV. OF C	OPEN OPEN CEIVE 12 2 200 DIL, GAS &	7
A) B) M C) D) 27. Acid, F 28. Produc Date First Produced 12/22/06 Choke Size 20/64	Formatio WASATC WASATC PROCESS Fracture, Tropostal Intervention -	eatment, Coval 43' 63' Hours Tested 24 Csg. Press. 1346#	Test Product:	5213' 6586' Squeeze, Etc. MP 1134 B MP 7860 B Oil BBL O Oil	Gas NMCF E 2,457	Per 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	forated 1 213'-6 586'-8 39,400 274,90 Oil Grav Corr. AP	Amount and # 30/50 00# 30/50	type of M JORDA JORD JORD Gas Gravity	0.36 0.36 Material N SD AN SD	Producti	BO 18	JAI NV. OF C	OPEN OPEN CEIVE 12 2 200 DIL, GAS &	7
A) B) M C) D) 27. Acid, F 28. Produc Date First Produced 12/22/06 Choke Size 20/64 28a. Produ	Formatio WASATC	ral A Hours Tested 24 Csg. Press. 1346#	Test Product:	5213' 6586' Squeeze, Etc. MP 1134 B MP 7860 B Oil BBL O Oil BBL O Oil BBL O	Gas V MCF 2,457 Gas MCF 2457	Per 5. 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	forated 1 213'-6 586'-8 39,400 274,90 Oil Grav Corr. AP	Amount and 30/50 00# 30/50 ity ity ity	type of M JORDA JORD JORD Gas Gravity	0.36 0.36 Material N SD AN SD	Production	BO 18	JAI NV. OF C	OPEN OPEN CEIVE 12 2 200 DIL, GAS &	7
A) B) M C) D) 27. Acid, F 28. Produc Date First Produced 12/22/06 Choke Size 20/64 28a. Produ Date First	Formatio WASATC WASATC PROCESS Fracture, Tropostal Intervention -	eatment, Cval 43' 63' Val A Hours Tested 24 Csg. Press. 1346# val B Hours Tested	Test Product 24 Hr. Rate	5213' 6586' Squeeze, Etc. MP 1134 B MP 7860 B Oil BBL O Oil BBL O Oil Oil	Gas V MCF 2,457 Gas MCF 2457 Gas MCF E 2457	Per 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Oil Grav Corr. AP	Amount and 30/50 00# 30/50 ity ity ity ity	I type of M JORDA JORD Gas Gravity	0.36 0.36 Material N SD AN SD	Production	E CING COMMETHOD	JAI NV: OF C VS FRO	OPEN OPEN OPEN CEIVE 12 2 200 DIL, GAS & DM WELL	7
A) B) M C) D) 27. Acid, F 28. Produce Date First Produced 12/22/06 Choke Size 20/64 28a. Produ Date First Produced 12/22/06	Formatio WASATC IESAVEF Fracture, Tre Depth Inter 5213'-63- 6586'-844 tion - Interv Test Date 01/01/07 Tbg. Press. Flwg. 946# SI ction - Inter Test Date	ral A Hours Tested 24 CSg. Press. 1346# Hours Tested 24 Cyal B Hours Tested 24	Test Product 24 Hr. Rate Test Producti	5213' 6586' Squeeze, Etc. PMP 1134 B PMP 7860 B Oil BBL O Oil BBL O Oil BBL O Oil BBL O Oil Oil BBL O Oil Oil Oil Oil Oil Oil Oil Oil Oil O	Gas V MCF 2457	Per 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Oil Grav Corr. AP	Amount and 0# 30/50 0# 30/50 ity ity ity ity	d type of M JORDA JORD Gas Gravity Well Status	0.36 0.36 Material N SD AN SD	Production	E CING COMMETHOD	JAI NV: OF C VS FRO	OPEN OPEN CEIVE 12 2 200 DIL, GAS &	7
A) B) M C) D) 27. Acid, F 28. Produce Date First Produced 12/22/06 Choke Size 20/64 28a. Produ Date First Produced 12/22/06 Choke	Formatio WASATC IESAVEF Fracture, Tre Depth Inter 5213'-63- 3586'-84' tion - Interv Test Date 01/01/07 Tbg. Press. Flwg. 946# SI ction - Inter Test Date 01/01/07 Tbg. Press.	eatment, Cval 43' 63' Val A Hours Tested 24 Csg. Press. 1346# val B Hours Tested 24 Csg.	Test Product 24 Hr. Rate Producti 224 Hr. 24 Hr.	5213' 6586' Squeeze, Etc. MP 1134 B MP 7860 B O Oil BBL O Oil BBL O Oil Oil BBL O Oil Oil Oil Oil Oil Oil Oil Oil Oil O	Gas V MCF 2457 Gas MCF 2457 Gas V MCF 2457	Per 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Oil Grav Corr. AP	Amount and 0# 30/50 00# 30/50 00# ity oil ity	I type of M JORDA JORD Gas Gravity Well Status	0.36 0.36 Material N SD AN SD	Production	E CING COMMETHOD	JAI NV: OF C VS FRO	OPEN OPEN OPEN CEIVE 12 2 200 DIL, GAS & DM WELL	7
A) B) M C) D) 27. Acid, F 28. Produce Date First Produced 12/22/06 Choke Size 20/64 28a. Produ Date First Produced 12/22/06 Choke Size	Formatio WASATC	eatment, Cval 43' 63' Val A Hours Tested 24 Csg. Press. 1346# val B Hours Tested 24 Csg.	Test Product 24 Hr. Rate Test Producti 224 Hr. Rate	5213' 6586' Squeeze, Etc. PMP 1134 B PMP 7860 B Oil BBL O Oil BBL O Oil BBL O Oil BBL O Oil Oil BBL O Oil Oil Oil Oil Oil Oil Oil Oil Oil O	Gas V MCF 2,457 Gas MCF 2457 Gas V MCF 2457	Per 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Oil Grav Corr. AP	Amount and 0# 30/50 00# 30/50 00# ity oil ity	d type of M JORDA JORD Gas Gravity Well Status	0.36 0.36 Material IN SD AN SD	Production	E CING COMMETHOD	JAI WS FRO BAS W	OPEN OPEN OPEN OPEN OPEN OPEN OPEN OPEN	37

28b. Pro	duction - Int	erval C								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
28c. Pro	duction - Inte	erval D								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
SOLD	osition of Ga									
30. Sum	mary of Poro	us Zones (l	Include Aqui	ifers):				31. Formatio	n (Log) Markers	
tests,							d all drill-stem shut-in pressures			
For	mation	Тор	Bottom		Descri	ptions, Content	ts, etc.		Name	Top Meas. Depth
	TCH /ERDE	4050' 6280'	6280'	cedure):						
33. Circle	enclosed att	achments:								
5. Su	ectrical/Mecl ndry Notice	for pluggin	g and cemen	ıt verificati	on 5.	Geologic Rep Core Analysis	7. Oth		4. Directional Survey	
36. I hereb	y certify tha	t the forego	oing and atta	ched inforr	nation is con	nplete and corr	ect as determined f	rom all available	records (see attached ins	structions)*
Name	(please print)	SHEIL	A UPCH	EGO	, —		Title	SENIOR L	AND ADMIN SPE	CIALIST
Signat	y	Tul	M	M	410	-3110-7-	Date	1/18/2007		• • •
Title 18 U	S.C. Section	1001 and T	itle 43 U.S.C	Section A	212, make it	a crime for any	person knowingly a	and willfully to m	ake to any department or	agency of the United

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

	STATE OF UTAH		FORM 9	
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-468	
SUNDE	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 1022-14M	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSI	HORE, L.P.		9. API NUMBER: 43047365700000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S	treet, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0624 FSL 0689 FWL			COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSW Section: 14	P, RANGE, MERIDIAN: Township: 10.0S Range: 22.0E Meridian	: S	STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION	
4/26/2010	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK	
SPUD REPORT	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION	
·	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:	
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all pe	rtinent details including dates, depths, v	rolumes, etc.	
THIS WELI	L RETURNED TO PRODUCTION	· ·		
			Accepted by the	
			Jtah Division of	
			I, Gas and Mining	
		FOR	R RECORD ONLY	
			,	
NAME (PLEASE PRINT)	PHONE NUMBER			
Andy Lytle SIGNATURE	720 929-6100	Regulatory Analyst		
N/A		DATE 5/3/2010		

Sundry Number: 19297 API Well Number: 43047365700000

			FORM 9
	STATE OF UTAH		TOKH 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	IG	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-468
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposition—hole depth, reenter plu DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 1022-14M
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		9. API NUMBER: 43047365700000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S	PHONE treet, Suite 600, Denver, CO, 80217 3779	NUMBER: 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0624 FSL 0689 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSW Section: 14	IP, RANGE, MERIDIAN: 4 Township: 10.0S Range: 22.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE I	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE ☐	ALTER CASING	CASING REPAIR
☐ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
✓ SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION
Date of Work Completion: 9/22/2011	☐ OPERATOR CHANGE ☐	PLUG AND ABANDON	☐ PLUG BACK
	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR TUBING TEPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT			
Report Date:	☐ WATER SHUTOFF ☐	SI TA STATUS EXTENSION	APD EXTENSION
	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:
l .	OMPLETED OPERATIONS. Clearly show all pertine WAS RETURNED BACK TO PROD	UCTION ON 09/22/2011	Accepted by the Utah Division of
		Oil	, Gas and Mining
		FOR	R RECORD ONLY
NAME (PLEASE PRINT) Sheila Wopsock	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst	
SIGNATURE N/A		DATE 10/7/2011	
_ ·		_ · ·	

Sundry Number: 48846 API Well Number: 43047365700000

	STATE OF UTAH				FORM 9
ι	DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS, AND M		3	5.LEASE DESIGNATION AND SERIAL N UTU-468	UMBER:
SUNDR	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for pro current bottom-hole depth, r FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES				
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 1022-14M				
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	ISHORE, L.P.			9. API NUMBER: 43047365700000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th	n Street, Suite 600, Denver, CO, 802		ONE NUMBER: 720 929-6	9. FIELD and POOL or WILDCAT: 1NATERAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0624 FSL 0689 FWL				COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSH	HP, RANGE, MERIDIAN: 14 Township: 10.0S Range: 22.0E Me	eridian:	s	STATE: UTAH	
11. CHECK	K APPROPRIATE BOXES TO INDIC	ATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE		ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME	
	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN		FRACTURE TREAT	NEW CONSTRUCTION	
	OPERATOR CHANGE	i	PLUG AND ABANDON	PLUG BACK	
SPUD REPORT	✓ PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	TUBING REPAIR		/ENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT Report Date:	WATER SHUTOFF		SI TA STATUS EXTENSION	APD EXTENSION	
2/28/2014	WILDCAT WELL DETERMINATION		THER	OTHER:	
	COMPLETED OPERATIONS. Clearly sho LL WAS RETURNED TO PROFITE FROM A SHUT IN.				LY
NAME (PLEASE PRINT) Teena Paulo	PHONE NUI 720 929-6236	MBER	TITLE Staff Regulatory Specialist		
SIGNATURE N/A			DATE 3/14/2014		

Sundry Number: 62435 API Well Number: 43047365700000

	STATE OF UTAH				FORM 9	
1	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		i	5.LEASE UTU-46	DESIGNATION AND SERIAL NUMBER: 68	
SUNDR	RY NOTICES AND REPORTS	ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form		7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES				
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 1022-14M					
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	NSHORE, L.P.			9. API NU 430473	MBER: 365700000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18tl	h Street, Suite 600, Denver, CO, 8021		NE NUMBER: 9 720 929-6	1	and POOL or WILDCAT: AL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0624 FSL 0689 FWL				COUNTY		
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWSW Section:	HIP, RANGE, MERIDIAN: 14 Township: 10.0S Range: 22.0E Meri	dian:	S	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NA	ATURE OF NOTICE, REPOR	T, OR O	THER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION			
	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE ✓ PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly show M Well was returned to pro Thank you.	C C C F F P R S C V S C C S C S C S C S C S C S C S C		oi FOF	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION R: LUMBES, etc. Accepted by the Utah Division of I, Gas and Mining R RECORD ONLY April 08, 2015	
NAME (PLEASE PRINT)	PHONE NUME	BER	TITLE			
Kristina Geno SIGNATURE	720 929-6824	_	Regulatory Analyst DATE			
N/A			4/8/2015			